TASCAM
TEAC PROFESSIONAL

HS-P82 Release Notes

Contents

Updates

Always use the most recent firmware for this device. Please visit the TASCAM web site at http://www.tascam.com to check for the latest firmware.

Manual addenda

V1.02 addenda

Recording operation limitations

A limitation of this unit is that recording in a folder becomes impossible when the total number of files, subfolders and other items in that folder exceeds about 2000. For this reason, the following things might occur.
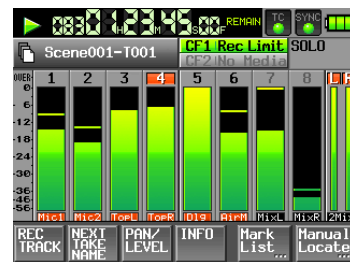
• If you press the **REC** key during recording, starting recording of the next take might not be possible. In this case, the following pop-up message appears.

• When a project or folder is loaded, recording to that folder might not be possible. In this case, the following pop-up message appears.

In addition, in these cases, `Rec Limit` appears as the remaining recording time for the currently selected CF card.

NOTE

The total number of items inside one folder includes files and folders not created by this unit. Moreover, management files, system files and other files and folders that are not ordinarily visible are also included.

New functions

V1.03 additions

Now works with the TASCAM RC-F82 (fader unit). For details about the functions, see the RC-F82 Owner's Manual.

V1.02 additions

• What had been called "scenes" before are now called "folders". Buttons and screen references have been changed to reflect this, including the `Folder Name` button and the `FOLDER NAME` screen. However, the default folder name has not changed and is still `Scene` plus three digits.

When reading the Owners Manual, please replace the term "scene" with the term "folder".

• Numbers have been added to projects, folders and takes, and these numbers are now displayed. Project numbers are assigned to projects in the order that they are saved on the media. Folder numbers are assigned in order as they are created inside each project. Take numbers are assigned in order as they are saved in a folder.

- A `Date` button has been added to screens where project names, for example, are edited. This new function allows the date set in the internal clock to be inserted into the name.

  The following screens have had a Date input button added.

  - Project name editing screen when creating a new project
  - 1st folder name editing screen when creating a new project
  - Folder name editing screen when creating a new folder
  - Project name editing screen
  - User word editing screen for editing the next take name

NOTE

If the same project name or folder name already exists, an unused number is added after an underscore ("_").

- A `NEXT TAKE NAME` button has been added to the Home Screen. Press this button to open the `NEXT TAKE NAME` pop-up window where you can edit the name given to the next recorded take.

  The take names that had been added automatically as the first half of scene names can also be edited. Select the `UserWord` mode (button) and press the `EDIT` button to open the screen where you can edit it. With the exception of the numerical portion, take names cannot be changed during recording

- When set to `MONO` file mode, you can now select from two types of modes for recording audio files—"Folder" mode and "SubFolder" mode.

  - Folder mode: Recorded audio files are saved directly inside the folder. (This mode is new.)
  - SubFolder mode: This is the same as how the unit functioned before this update. Subfolders are created for each take inside folders, and recorded audio files are saved in them. The default setting is "SubFolder".

CAUTION

When Folder mode is selected, the number of tracks that can be recorded is limited by the total number of items (files and folders including ordinarily invisible ones).

- Files recorded by TASCAM HD-R1 and HD-P2 units can now be rebuilt by this unit.
- The unit is now compatible with 32 and 64 GB CF cards.

Maintenance items

V1.03 fixes

- The adjustment curve for the `2Mix LVL` (level sent to the stereo bus) of the internal mixer has been changed.
- Some of the information stored in BWF files (timestamp information in iXML chunks) had been erroneous. This has been fixed.
- After canceling the copying of a folder, folder deletion and other operations would not complete properly. This has been fixed.
- When playing back after recording or skipping takes, a time that differed from the playback time would be momentarily output from the **TIMECODE/DIGITAL OUT (OUT 1)** connector. This has been fixed.
- A noise would be output if a take was searched forward until its end. This has been fixed.
- When using the `NEXT TAKE NAME` button pull-up on the home screen, the "UserWord" would not be saved in rare cases. This has been fixed.
- On the `PROJECT` Screen, the Fs value would be shown inaccurately on rare occasions. This has been fixed.
- When searching forward or backward, it would not be possible to stop searching at the time when switching from one take to another. This has been fixed.
- When an even-numbered channel was soloed, turning on the channel link for that channel would make it impossible to disable the solo mode. This has been fixed.
- Locating to marks has been improved.
- Incorrect data was output from the timecode generator on rare occasions. This has been fixed.
- The inputs timecode would not be updated on very rare occasions. This has been fixed.
- Using a PS/2 keyboard, Inputting characters prohibited by FAT file systems was possible. This has been fixed.
- When inserting a CF card that did not contain a project, trouble would occur on rare occasions. This has been fixed.
- Issues related to the use of the touch panel have been fixed.
- When the `File Mode` item on the `REC SETUP` screen was set to `MONO` or `POLY` (with the recording function on for only 1 channel) and the `LR 2MIX` record function was turned ON, recording could exceed the `MAX File Size` setting. This has been fixed.

V1.02 fixes

- That default value of the reference level has been changed from "−16dB" to "−20dB".

- The precision of the POWER OFF GEN function has been improved.

- The precision of time code capture at the start of recording has been improved.

- The precision of time code output when TC GEN MODE is set to REC RUN has been improved.

- If the display is dimmed completely, touch input is disabled.

- When the **SLATE** key was pressed and released at the same time as another key, the **SLATE** indicator would stay lit. This issue has been corrected.

- On the MARK LIST screen, touching an empty line when less than four marks were shown would cause the Home Screen to reopen. This issue has been corrected.

- When set to MONO file mode, after pressing the INFO button on the folder selection screen, the TOTAL TIME shown in the pop-up window was inaccurate. This issue has been corrected.

- When moving quickly between project, folder and take selection screens, the display could become garbled. This issue has been corrected.

- When a channel link was on and the phantom power setting was changed for those channels, the setting change was not made for the even-numbered channel. This issue has been corrected.

- When a channel link was on, the remaining time for CF1 and CF2 shown on the Home Screen was inaccurate. This issue has been corrected.

- When a channel set to a digital input was unlocked and the input setting was changed to analog by turning on a channel link, the input sound was not unmuted. This issue has been corrected.

- When a CF card was inserted immediately after starting the unit, or if a CF card was inserted in a slot when the other slot already had a CF card loaded, the Media Reading pop-up window would remain displayed on rare occasions. This issue has been corrected.

- If a project recorded on a CF card was erased on a computer, and then rebuilding another project was conducted on this unit, the rebuilding would not complete. This issue has been corrected.

- If the name of a created folder had 31 characters, the track name for Ch1 shown beneath the level meters would be blank. This issue has been corrected.

- When backing up settings to a CF card in **COMPACT FLASH SLOT 2**, the file would not be created in some cases. This issue has been corrected.

- Reverse search operation has been improved.

- Mark information was not recorded to a CF card in **COMPACT FLASH SLOT 2** in some cases. This issue has been corrected.

- When playing back continuous takes created by pressing the **REC** key during recording, setting marks became impossible. This issue has been corrected.

- If recording was stopped immediately after starting with pre-recording, the unit would freeze on rare occasions. This issue has been corrected.

- When Recording with "LR 2MIX" on, more than 999 takes could be created in a folder. This issue has been corrected.

- When the file mode was set to "POLY", if only the "LR 2MIX" was recorded, the unit would freeze. This issue has been corrected.

- When, for example, the time code generator mode was set to JAM SYNC the POWER OFF GEN function would not work properly in some cases. This issue has been corrected.

- If there were more than 100 subfolders and files in a folder, that folder could not be deleted in some cases. This issue has been corrected.

- In a project with the sampling frequency set to 96 kHz, a part of recording data could be lost on very rare occasions. This issue has been corrected.

- If both channels 1 and 2 were set as digital inputs and unlocked, the voice memo and slate tone functions did not work correctly. This issue has been corrected.

- When inserting a CF card into a slot, even if it contained a project, NO PROJECT would be displayed on rare occasions. This issue has been corrected.

Checking the firmware version

Before conducting a firmware update, check the firmware version currently installed in your HS-P82.

1 **Turn the unit power ON.**
2 **Press the MENU key on the front panel to open the** MENU **screen.**
3 **Press the** VERSION INFO **button.**

   Check the SYSTEM VERSION **here. If this firmware version is the same as or newer than the version that you intend to use for updating, there is no need to update the unit.**

Firmware update procedures

CAUTION

When updating the firmware, make sure that there is sufficient remaining battery charge or use the AC adaptor included for the unit (TASCAM PS-1225L). If the remaining battery charge is low, updating the firmware will not be possible. If a firmware update is interrupted by lack of power, the unit could become unusable and require service.

1. **Download the latest version of the firmware from the TASCAM website (http://www.tascam.com/).**

2. **Insert a CF card only in COMPACT FLASH SLOT 1 and turn the unit power on.**

CAUTION

You should only insert a CF card in COMPACT FLASH SLOT 1. You cannot update using COMPACT FLASH SLOT 2. Do not insert a card into slot 2 in order to avoid transferring the file to it accidentally.

3. **Press the MENU key to open the** `MENU` **screen.**

4. **Touch the** `CF/USB MANAGE` **button to open the** `CF/USB MANAGE` **screen.**

5. **Touch the** `CF SELECT` **item's** `SELECT` **button to open the** `CF SELECT` **screen.**

6. **Touch the** `CF1` **item's** `CF CARD` **button to select the CF card in COMPACT FLASH SLOT 1. When selected, the** `CF 1` **background becomes yellow.**

7. **Touch the** `SET` **button to return to the** `CF/USB MANAGE` **screen.**

8. **Connect the unit with a computer using the USB cable.**

9. **If the** `CF/USB MANAGE` **screen is not open, press the MENU key to open the** `MENU` **screen, and touch the** `CF/USB MANAGE` **button to open the** `CF/USB MANAGE` **screen.**

10. **Touch the** `USB` **item's** `CONNECT` **button.**

11. **When the** `Touch OK to Enable to USB` **message appears in a pop-up window, touch the** `OK` **button.**

CAUTION

When connected, the "USB mode Enabled. Touch CLOSE to end" message pop-up window is displayed. Do not touch the "CLOSE" button while connected.

12. **Copy the downloaded firmware to the CF card in COMPACT FLASH SLOT 1 of the HS-P82.**

NOTE

- *When using Windows, two "HS-P82" icons appear on the computer screen. Copy the firmware to the root folder of the "HS-P82" that is labeled closer to "A" alphabetically.*

- *When using a Mac, if a CF card is inserted only in COMPACT FLASH SLOT 1, only one "HS-P82" icon should appear. Copy the file to this one.*
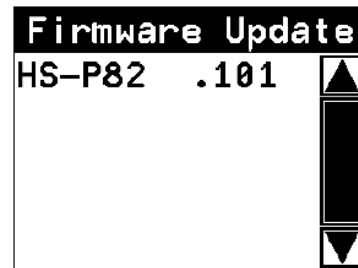
13. **When copying is complete, follow the proper procedures to disconnect this unit from the computer.**

14. **Touch the** `CLOSE` **button to open a** `Touch OK to Disable USB` **pop-up message. Touch the** `OK` **button.**

15. **Turn the unit power OFF.**

16. **While pressing and holding both the PAUSE and REC keys at the same time, turn the unit power ON again.**

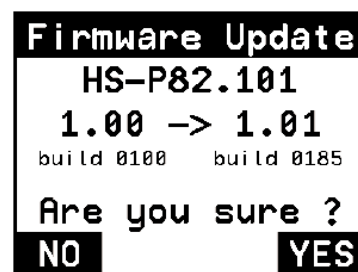   The unit starts up in update mode and the screen shows the file for updating.

```
Firmware Update
HS-P82  .101  ▲



              ▼
```

NOTE

- *If the above screen is not shown, turn the power OFF once, and then turn the power ON again while pressing and holding the PAUSE and REC keys at the same time. Keep pressing these keys until the above screen is displayed.*

- *The above screen shows a list of firmware update files in the root folder of the CF card inserted in COMPACT FLASH SLOT 1. The firmware copied in step 12 above should be shown. If no update file is in the folder, "No Update File" appears.*

- *A maximum of five lines of firmware can be shown at once. If there are more files than this, use the up and down arrow buttons on the scrollbar at the right side of the screen or the DATA dial to scroll through the list.*

- *This screen is just an example, and the actual appearance might be different.*

17. **Touch the name of the firmware that you want to use to update the unit.**

    The following screen is shown.

```
Firmware Update
   HS-P82.101
  1.00 -> 1.01
build 0100   build 0185

 Are you sure ?
NO           YES
```

The current version is shown on the left side and the version of the update is shown on the right side.

NOTE

This screen is just an example, and the actual appearance might be different.

18 Touch the `YES` **button to start the update.**

CAUTION

While updating, do not turn OFF the unit or disconnect the AC adaptor if using it.

19 After updating completes, `Complete POWER OFF` **appears at the bottom of the screen, and then the power turns OFF automatically. Turn the power ON again.**

20 Refer to the "Checking the firmware version" section above and confirm that the `SYSTEM VERSION` **is now the latest firmware version. If it is, updating is complete.**

21 Connect the unit to a computer by USB and erase the firmware update file in the root folder of the CF card inserted in COMPACT FLASH SLOT 1.